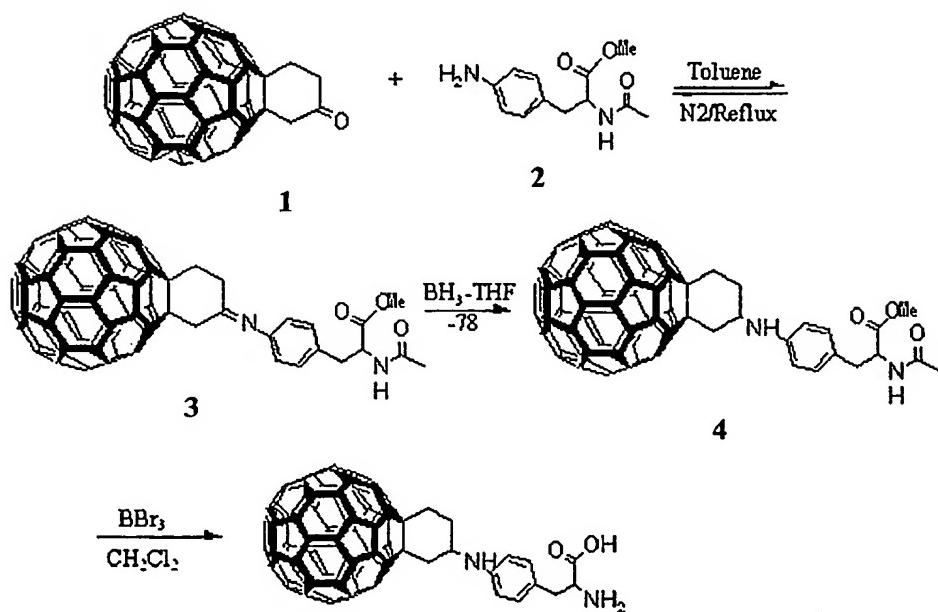
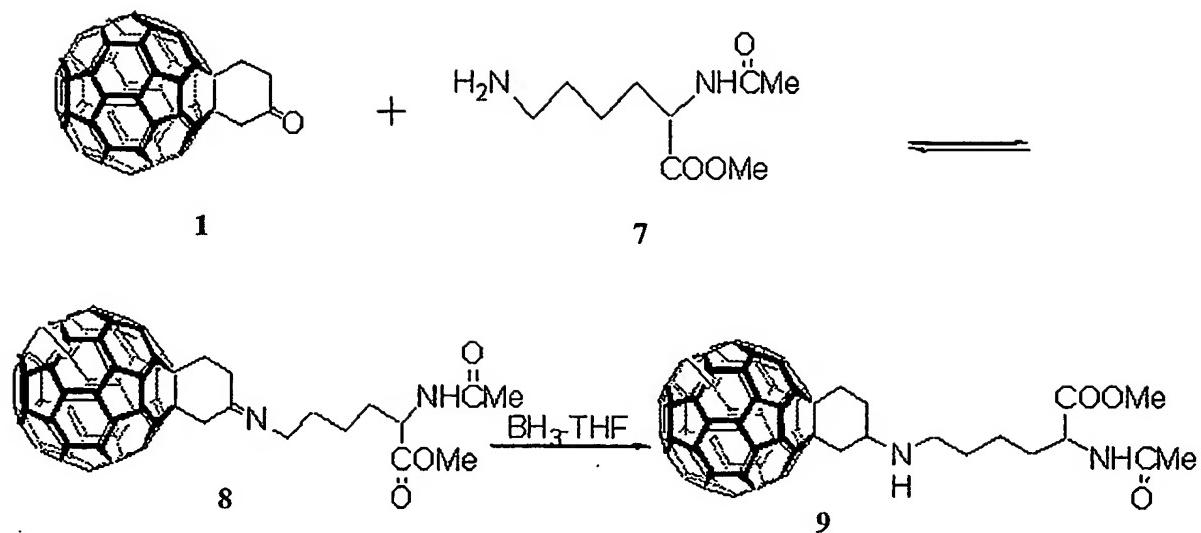


Scheme 1



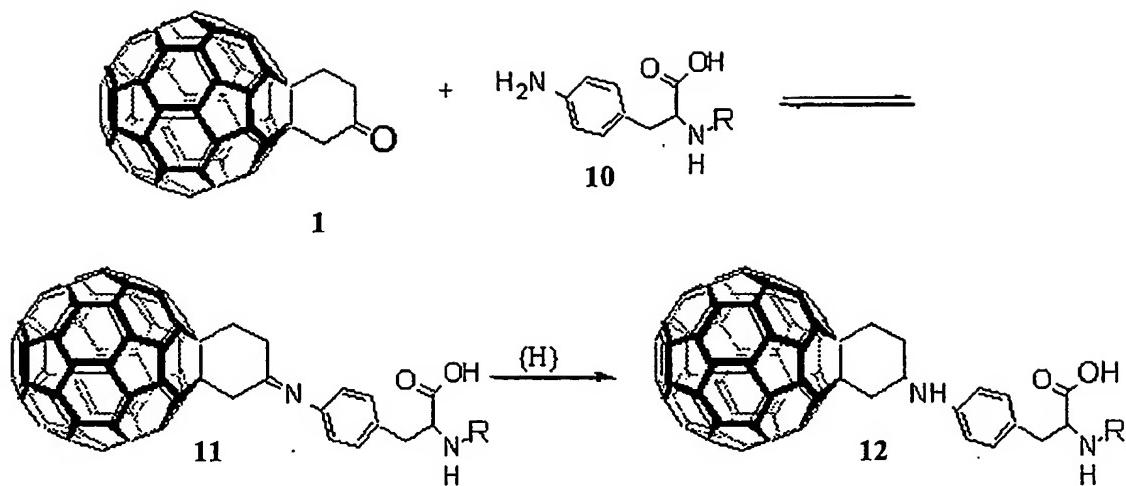
Scheme 2

*Fig. 1*



**Scheme 3**

*Fig. 2*

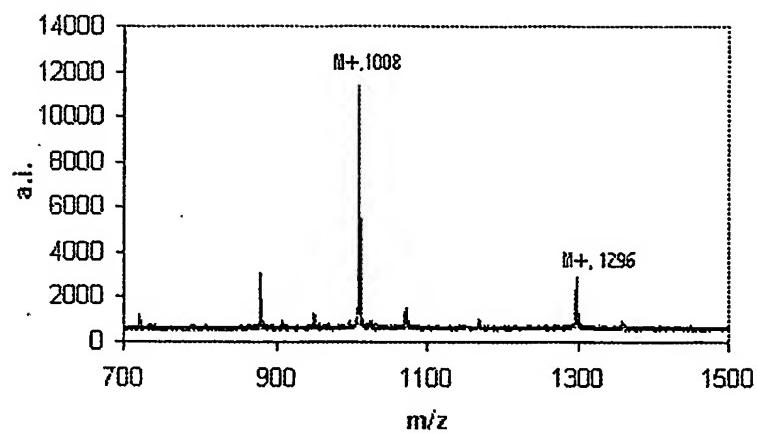


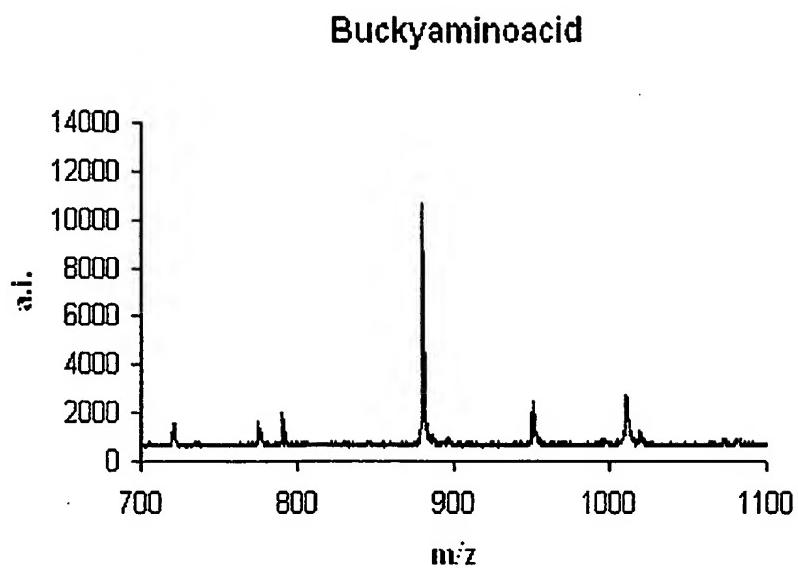
R= BOC or

Fmoc

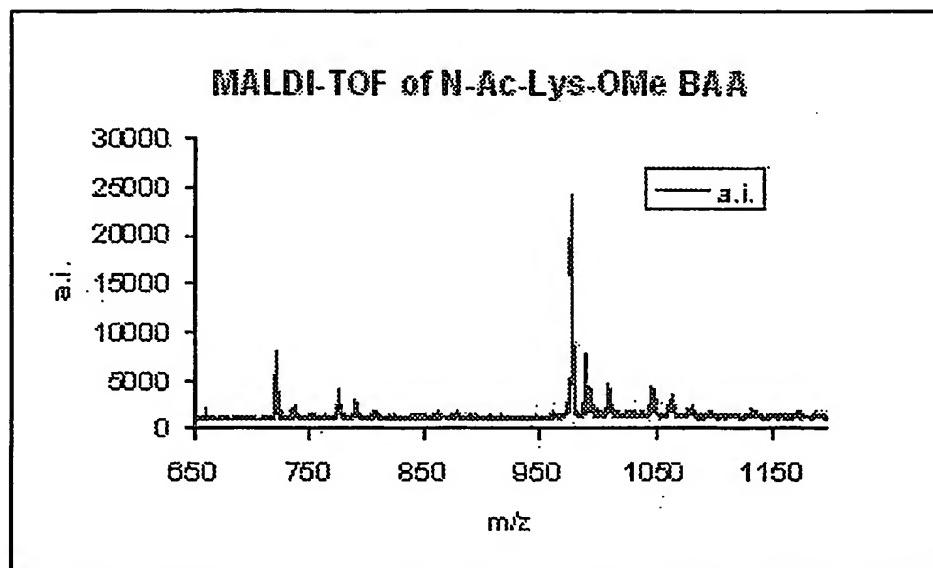
Scheme 4

Fig. 3

**Buckyimine***Fig. 4*

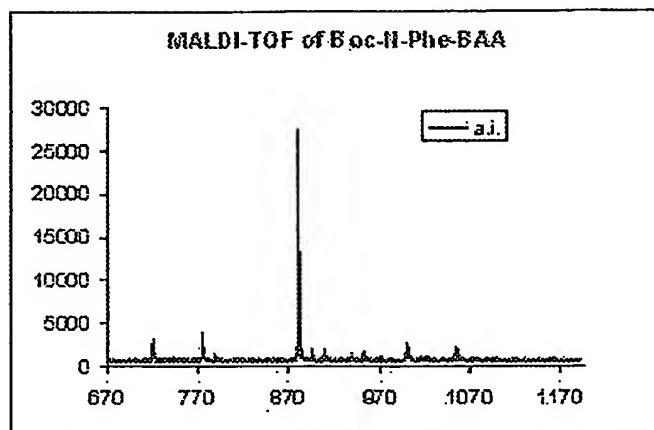


*Fig. 5*



*Fig. 6*

A



B

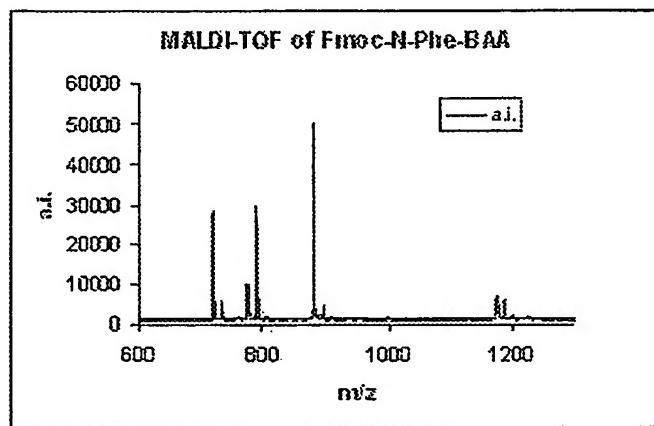


Fig. 7

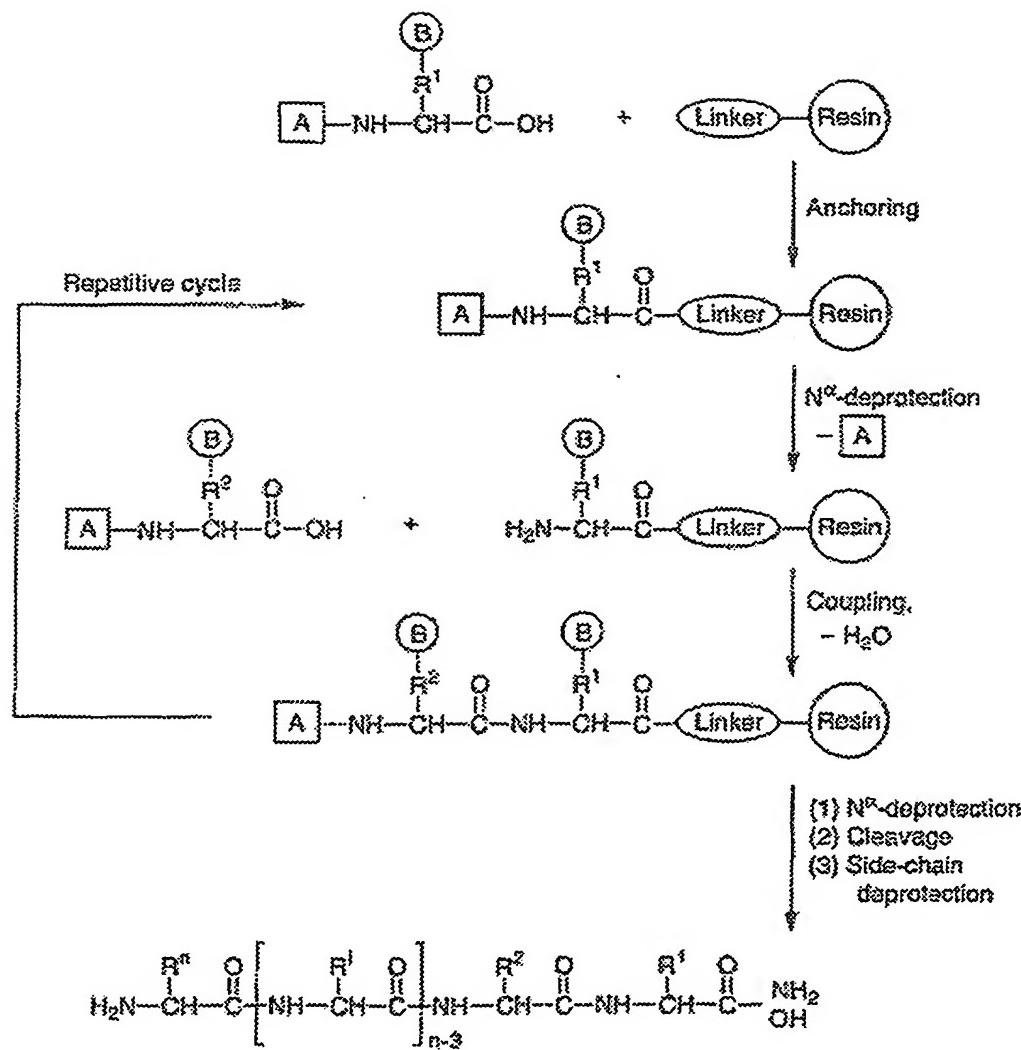


Fig. 8

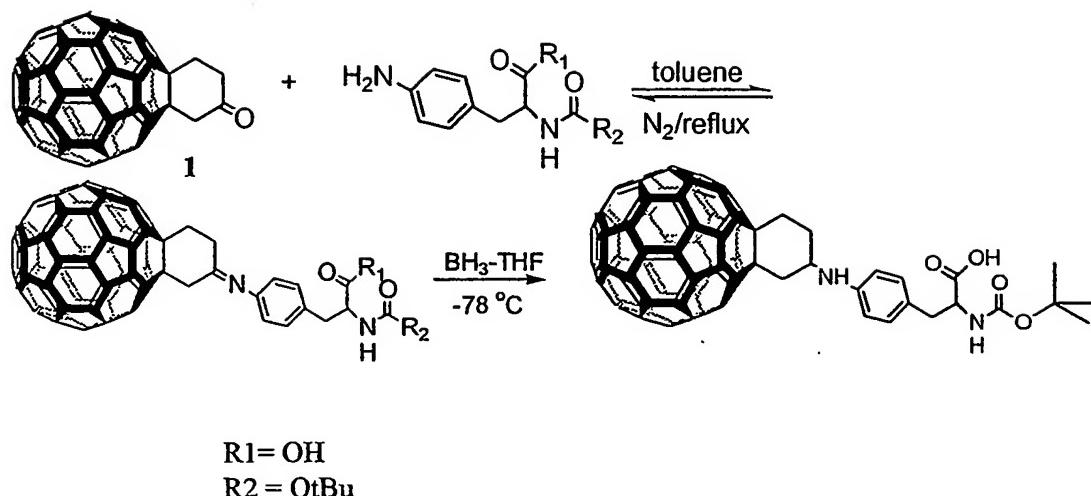


Fig. 9

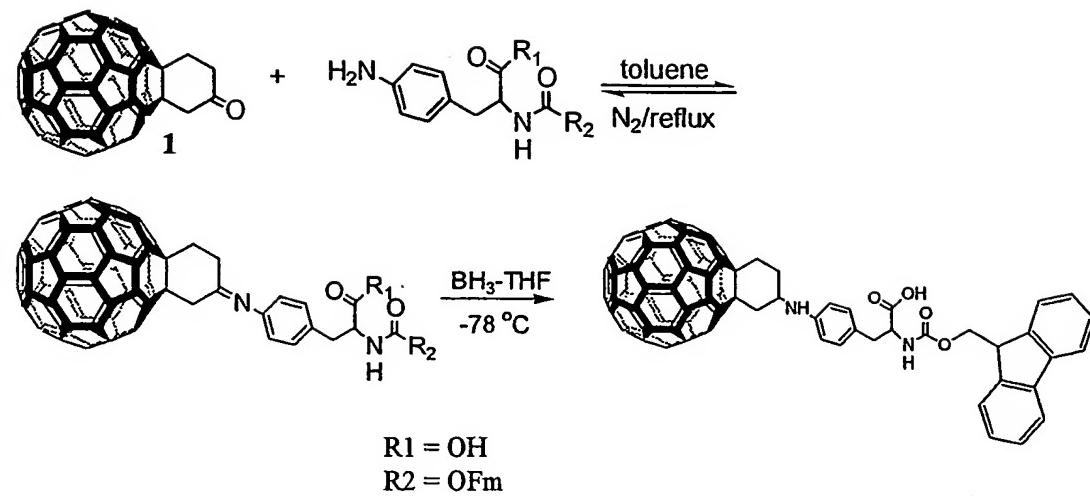
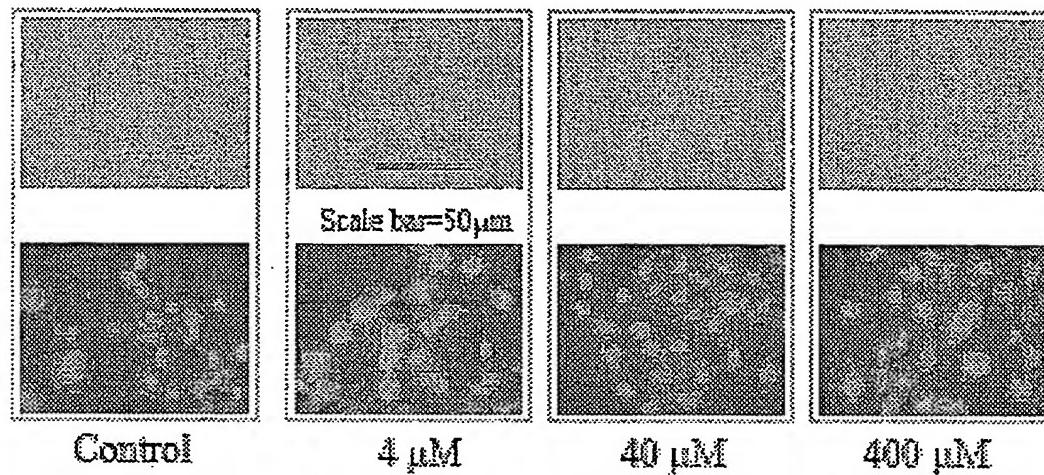


Fig. 10

## Cell Viability Test of Fullerene Peptide

Phase contrast microscope and fluorescent microscope images



Fullerene Peptide shows no toxicity to cell!

Fig. 11

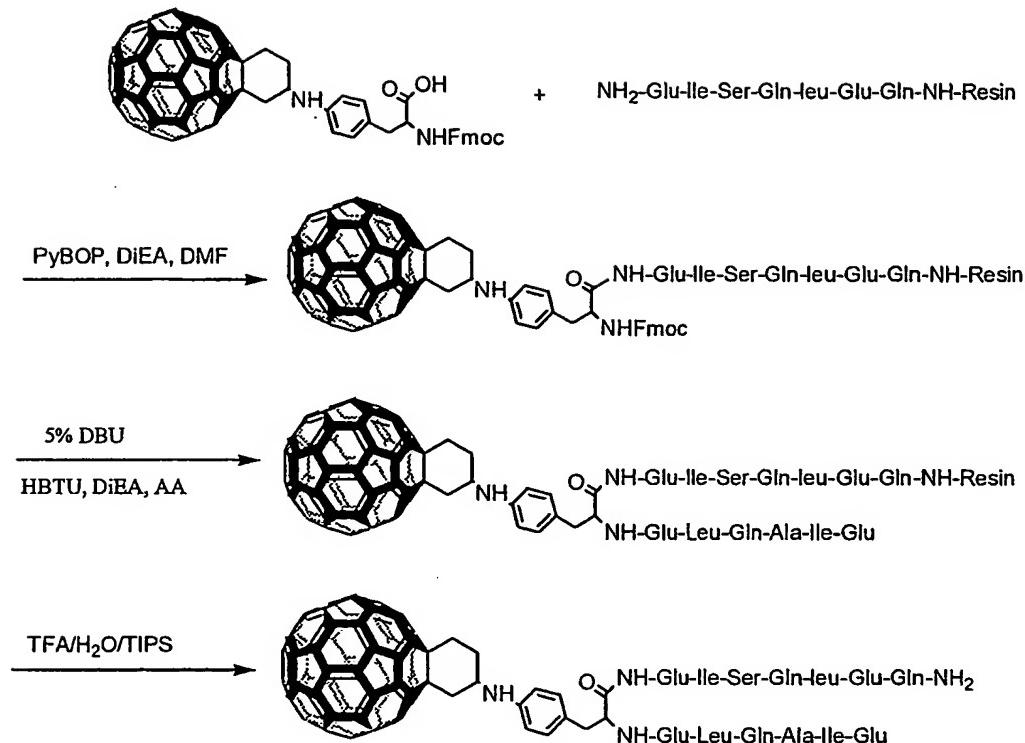


Fig. 12

|                  | viability(%) | conc (uM)   |     |          |
|------------------|--------------|-------------|-----|----------|
| Control          |              | 4           | 40  | 400      |
|                  | 100          | 100         | 100 | 100      |
|                  | 100          | 100         | 96  | 100      |
|                  | 96           | 100         | 100 | 100      |
|                  | 100          | 100         | 100 | 100      |
| ave              | 99           | 100         | 99  | 100      |
| stdev            | 2            | 0           | 2   | 0        |
| ttest to control |              | 0.391002218 | 1   | 0.391002 |

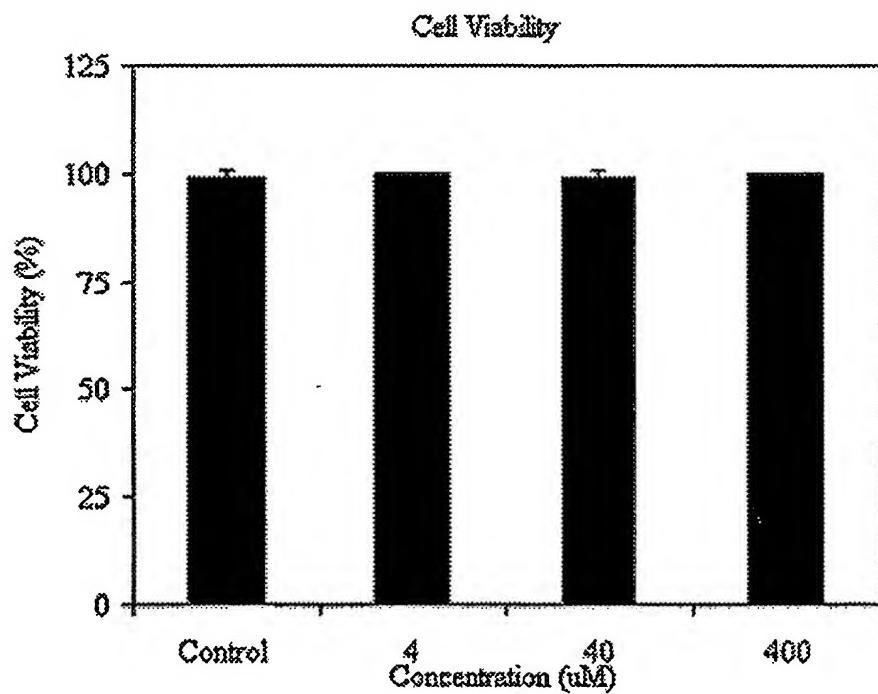


Fig. 13